International application No. PCT/KR2004/003336

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G01N 35/00, G01N 27/447, B01L 3/00, B01J 19/00, C12Q 1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G01N 35/00, G01N 33/48, B01J 19/00, B01D 57/02, G01N 27/26

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patent and Applications for Inventions since 1975

Korean Utility Models and Applications for Utility Models since 1975

Japanese Utility Models and Applications for Utility Models since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) eKIPASS, WPI, USPTO, PAJ, NCBI, INSPECT "particle, flow, nozzle, focusing, channel, fluid, manipulation, Microparticles, microfluidic, system, sizing, focusing, asymmetric"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

AA	· X	TIC 6502921 D1 (Wode TIC at all TIC) 15 T. 10002	
		US 6592821 B1 (Wada, H.G., et al., US) 15 Jul 2003 - see abstract and Figs 16, 23 & 28 - see column 11 line 25 ~ column 13 line 28, column 20 lines 9~25 & columns 30~33	1-5, 7-9
AC	A A	WO 02/44689 A2 (Wang, M., et al., US) 06 Jun 2002 - see page 20 & Fig 7 Proc. Natl. Acad. Sci. USA, vol.96: 11-13 (Chou, H.P., et al., US) Jan 1999 - see the whole document	1-9 1-9
AB	A	WO 9800231 A1 (Parce, J.W., et al., US) 08 Jan 1998 - see abstract and claims	1-9

Further	documents	are	listed	in	the	continuation	of Box	C.

See patent family annex.

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

30 MARCH 2005 (30.03.2005)

Date of mailing of the international search report

30 MARCH 2005 (30.03.2005)

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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